

1. Record Nr.	UNINA9910299669103321
Autore	Doki Branko L
Titolo	Power Electronics : Converters and Regulators // by Branko L. Doki, Branko Blanuša
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-09402-5
Edizione	[3rd ed. 2015.]
Descrizione fisica	1 online resource (608 p.)
Disciplina	620 620.11295 620.11297 621.042 621.317
Soggetti	Power electronics Optical materials Electronic materials Energy systems Power Electronics, Electrical Machines and Networks Optical and Electronic Materials Energy Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1 Introduction -- Chapter 2 Diodes and Transistors -- Chapter 3 Regenerative Switches -- Chapter 4 PWM DC/DC Converters -- Chapter 5 Control Modules -- Chapter 6 DC/AC Converters – Inverters -- Chapter 7 AC/DC Converters - Rectifiers -- Chapter 8 AC/AC Converters -- Chapter 9 Resonant Converters -- Chapter 10 Introduction to Multilevel Converters.
Sommario/riassunto	This book is the result of the extensive experience the authors gained through their year-long occupation at the Faculty of Electrical Engineering at the University of Banja Luka. Starting at the fundamental basics of electrical engineering, the book guides the reader into this field and covers all the relevant types of converters and regulators.

Understanding is enhanced by the given examples, exercises and solutions. Thus this book can be used as a textbook for students, for self-study or as a reference book for professionals.
